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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/812,525
Filing Date	March 29, 2004
First Named Inventor	Stephen M. Trimberger
Art Unit	3296
Examiner Name	Vibol Tan
Attorney Docket Number	X-1006-2C US

### ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Receipt Postcard |
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Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	XILINX, INC. CUSTOMER NO: 24309		
Signature			
Printed name	Kim Kanzaki		
Date	August 17, 2005	Reg. No.	37,652

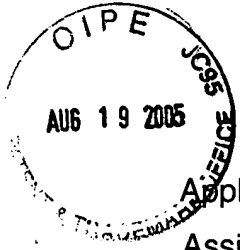
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IN THE UNITED STATES PATENT OFFICE

Applicant: Stephen M. Trimberger

Assignee: Xilinx, Inc.

Title: A Programmable Logic Device With Time-Multiplexed Interconnect

Serial No.: 10/812,525

File Date: 3/29/2004

Examiner: Vibol Tan

Art Unit: 2819

Docket No.: X-1006-2C US

Conf. No.: 3296

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Mail Stop AMENDMENT  
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AMENDMENT IN RESPONSE TO SECOND OFFICE ACTION

Dear Sir:

In response to the Second Office Action mailed from the Patent Office on May 20, 2005, please replace/substitute the following claims as indicated.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.